

LANGLEY. 1647.

A New Almanack and
Prognostication for
this present year.

Being the third after Leap-yeare.


Containing the state of the whole
year, with many excellent notes and
rules of good consequence.

Rectified for the Meridian of
the famous Mayer-Towne of
Shrewsbury; and generally for all
the North West parts of
Great Brittain.

By T. Langley a Native of that place.

Felix qui potuit rerum cognoscere causas.

LOPIONIE
Printed for the Company
of Stationers.



The English
Accompt.

1647.

The Roman
Accompt.

	14	The Golden number	14
	4	The Epact	24
	C	The Dominicall letter	F
February	28	Shrove Sunday	3 of March
April	18	Easter day	21 of April
May	23	Rogation Sunday	16 of May
May	27	Ascension day	30 of May
June	6	Whitsunday	9 of June
June	13	Trinity Sunday	16 of June
Novemb.	28	Advent Sunday	1 Decemb.

The Anatomy of mans body governed by
the twelve celestiaall Signes.

♈ Aries, Head and face.

♉ Taurus
Neck and
throat.
♊ Cancer
Breast, Stomach,
and ribs.
♋ Virgo
Bosells &
belly.
♌ Scorpio
Secret
members.
♍ Capricorn
Knees.



♊ Gemini
Armes and
shoulders
♌ Leo
Heart and
back.
♎ Libra
Thighes and
loynes.
♏ Sagittarius
Thighes.
♐ Aquarius
Legs.

♑ Pisces, the Feet.



Memorable Accidents to this yeare 1647.

Since the Creation of the World to this year, 5596

Since the flood, 3984

Since the destruction of Troy, 2831

Since the year of the World

the building of London,	2755
the building of Babel,	2613
England receiveth the Christian Faith,	1466
the Conquest by Duke William,	0581
the Captivity of Babylon by Cyrus,	2285
Jerusalem utterly destroyed,	1564
the Jewes of Norwich circumcised a boy,	1236
the first foundation of Pauls, & Charles dials,	4572
the Tower of London built,	1078
London Bridge built with stone,	1210
the Battle at Shrewsbury in Hen. 4th,	1404
Bolloyne yielded,	1554
the Massacre in France,	1573
the first Bayliffs in Shrewsbury,	1373

Since

Guns and Gunpowder invented,	267
Printing invented,	188
the Camp at Ebury,	59
the Gunpowder Treason,	42
the great Frost,	39
the Earle of Essex beheaded,	48
the great fire on London Bridge,	14
Prince Henry dyed,	334
Palgrave and Lady Elizabeth married,	82
the building of the Royall Exchange,	82

Since

the New Exchange built,	35
the New Prison Clarken well built,	32
the Gloab Play-House burned,	33
Fire at London Bridge,	14
King Charles progresse into Scotland,	14
the new River brought to London,	34
the first Plantation in Virginia,	41
the blazing Starre and Queen Annes death,	29
Smithfield paved,	32
Chelise Colledge founded,	35
Moor fields new railed & planted with trees,	35
Aldgate new built,	35
Buttons Hospitall founded,	33
Aldersgate new built,	32
the downfall in Blacke Fryars,	24
Duke of Buckingham slaine by Felton,	18
King Charles return from Spaine,	24
the Presse for Count Mansfield,	23
King James death,	22
a great plague in London whereof dyed	21
35418 and of other diseases 18849	35
the last Voyage to Cadiz,	22
new Englands Plantation,	17
the birth of Prince Charles, the next day	17
King Charles cometh to Paules,	17
the Duke of York born,	15. 14
Pauls began to be repaired,	13
Country Tom. and Canbury Bells executed,	13
Bensted rose against the Bish. of Canterbury,	7
the Deputy of Ireland was beheaded,	6
the Battell at Bratford, November 12.	2
and at Edge-hill, October 23.	5
the Voyage to the Ile of Rea,	21
the Princess Mary borne,	15
the Lady Elizabeth born, December 28:	12
the Lady Anne born, March 19.	11
On the 27 of March begins the 23 of K. Charles,	23

January hath xxxj dayes.

First quarter the 4 day, near 2 in the morning.
Full Moon the 10 day, past 9 at night.
Last quarter the 17 day near 5 at night.
New Moon the 25 day, about 6 at night.

1	a	New year. da	feet	7	48	6	8	21	3	39
2	b		head	8	36	7	8	19	3	41
3	c	Lords day.	head	9	24	8	8	18	3	42
4	d		face	10	12	9	8	17	3	43
5	e		neck	11	0	10	8	15	3	45
6	f	Twelfth day	neck	11	48	11	8	14	3	46
7	g		armes	12	36	12	8	12	3	48
8	a		armes	1	24	13	8	10	3	50
9	b	Sun in aqua	best	2	12	14	8	8	3	52
10	c		best	3	0	15	8	6	3	54
11	d		heart	3	48	16	8	5	3	55
12	e		heart	4	36	17	8	3	3	57
13	f	Hillary.	womb	5	24	18	8	1	3	59
14	g		womb	6	12	19	8	0	4	0
15	a		loynes	7	0	20	7	58	4	2
16	b		loynes	7	48	21	7	57	4	3
17	c		secrets	8	34	22	7	55	4	5
18	d		secrets	9	22	23	7	53	4	7
19	e		thighes	10	12	24	7	51	4	9
20	f	Octab. Hill.	thighes	11	0	25	7	49	4	11
21	g	Exception	thighes	11	46	26	7	47	4	13
22	a	Return. bzeb.	knees	12	34	27	7	45	4	15
23	b	Termes begin	knees	1	22	28	7	43	4	17
24	c		legs	2	14	29	7	41	4	19
25	d		legs	3	0	30	7	40	4	20
26	e		legs	3	46	1	7	38	4	21
27	f	Fast	feet	4	36	2	7	36	4	24
28	g	Quind. Hill.	feet	5	22	3	7	34	4	26
29	a	Exception.	head	6	10	4	7	32	4	28
30	b	Return. bze.	head	7	0	5	7	29	4	31
31	c	Lords day.	face	7	46	6	7	27	4	32

February hath xxviii dayes.

First quarter the 2 day, about 4 in the afternoon.

Full Moon the 9 day, at eight in the morning.

Last quarter the 16 day, about 8 in the morning.

New Moon the 24 day, about one in the afternoon.

		Festivall and Law dayes.	Moons signe	ful Sea Lond.		Sun rise	Sun set
1	d	Appearance	throat	8 30	8	7 25	4 35
2	e	Purif. Ma.	armer	9 24	9	7 23	4 37
3	f	Craft purif.	should.	10 12	10	7 20	4 40
4	g	Exception	breast	11 0	11	7 18	4 42
5	a	Return.breb.	stomac	11 48	11	7 16	4 44
6	b	Appearance	heart	12 36	12	7 13	4 47
7	c	Moons day	heart	1 24	1	7 11	4 49
8	d		back	2 12	2	7 9	4 51
9	e	Sun in plce.	guts	3 0	3	7 7	4 53
10	f	Octab. purif.	belly	3 48	4	7 5	4 55
11	g	Except.ret.	loynes	4 36	5	7 3	4 57
12	a	Term ends	loynes	5 24	6	7 1	5 59
13	b		secrets	6 12	7	6 58	5 2
14	c		secrets	7 0	8	6 56	5 4
15	d		secrets	7 48	9	6 54	5 6
16	e		cladder	8 36	10	6 52	5 8
17	f		thighes	9 24	11	6 50	5 10
18	g		thighes	10 12	12	6 48	5 12
19	a		knees	11 0	1	6 45	5 15
20	b		knees	11 48	2	6 43	5 17
21	c		knees	12 36	3	6 41	5 19
22	d		legs	1 24	4	6 38	5 22
23	e		legs	2 12	5	6 36	5 24
24	f	Mathias fall	feet	3 0	6	6 34	5 26
25	g		feet	3 48	7	6 31	5 29
26	a		head	4 36	8	6 29	5 31
27	b		face	5 24	9	6 27	5 33
28	c	Shrovefund	neck	6 12	10	6 24	5 36

March hath xxxj dayes.

First quarter the 4 day, neere 2 in the morning.

Full Moon the 10 day, 47 min. after 5 at night.

Last quarter 18 day, past 2 in the morning.

New Moon the 26 day, 34 min. past 4 in the morn.

1	d		throat	7	0	5	5	22	5	38
2	e		arms	7	48	6	6	20	5	40
3	f		arms	8	36	5	5	18	5	42
4	g		hould.	9	24	8	5	16	5	44
5	a		breft	10	12	9	5	13	5	47
6	b		stomach	11	e	10	6	11	5	49
7	c		heart	11	48	11	6	9	5	51
8	d		back	12	34	12	6	6	5	54
9	e		guts	1	24	13	6	4	5	56
10	f	Equinoctiall	guts	2	12	14	5	2	5	58
11	g	Sun in aries	loines	3	c	15	6	0	6	0
12	a	Day & night	loines	3	36	16	5	58	6	2
13	b	equall	secrets	4	24	17	5	56	5	4
14	c		secrets	5	22	18	5	54	6	6
15	d		thighes	6	10	19	5	51	6	9
16	e	The Spring	thighes	7	0	20	5	49	5	11
17	f		knees	7	46	21	5	47	6	13
18	g		knees	8	34	22	5	46	6	16
19	a		knees	9	22	23	5	44	5	16
20	b		legs	10	10	24	5	42	5	18
21	c		legs	11	0	25	5	40	5	20
22	d		feet	11	46	26	5	38	6	22
23	e		feet	12	34	27	5	36	5	24
24	f		feet	1	22	28	5	33	5	27
25	g	Immun. Pa.	head &	2	12	29	5	31	6	29
26	a		face	3	0	30	5	29	6	31
27	b	A. Ch. begin	neck	3	46	1	5	26	6	34
28	c		neck &	4	34	2	5	24	5	36
29	d		throat	5	24	3	5	22	5	38
30	e		arms	5	12	4	5	20	5	40
31	f	fall.	arms	7	0	5	5	18	5	42

Aprill hath xxx dayes

First quarter 2 da^r, near 9 in the morning.
 Full Moon the 9 day, 6 min. after 4 in the morn.
 Last quarter the 16 day, about 9 at night.
 New Moon the 24 day, 16 min. after 5 at night.

1	a	breſt	7	46	7	5	14	6	46
2	b	breſt	3	34	5	12	6	48	
3	b	heart	2	24	9	5	10	6	50
4	c	back	10	12	10	5	8	6	52
5	d	womb	11	0	11	5	6	6	54
6	e	womb	11	46	12	5	4	6	56
7	f	loynes	12	34	13	5	2	6	58
8	g	loynes	1	22	14	5	5	9	6
9	a	ſecrets	2	12	4	5	7	7	3
10	b	ſecrets	3	0	16	4	5	5	7
11	c	thighes	3	46	17	4	5	3	7
12	d	thighes	4	24	18	4	5	1	7
13	e	thighes	5	22	19	4	4	9	7
14	f	knees	6	12	20	4	4	7	13
15	g	knees	7	0	21	4	4	5	7
16	a	legs	7	46	22	4	4	2	7
17	b	legs	8	34	4	40	7	20	
18	c	legs	9	22	24	4	3	8	7
19	d	feet	10	12	25	4	3	6	7
20	e	feet	11	0	26	4	3	4	7
21	f	head	11	46	27	4	3	2	7
22	g	head	12	34	28	4	3	0	7
23	a	head	1	24	29	4	2	8	7
24	b	neck &	2	20	4	26	7	34	
25	c	throat	3	6	1	4	2	4	7
26	d	armes	3	46	2	4	2	2	7
27	e	armes	4	34	3	4	2	0	7
28	f	breſt	5	22	4	4	1	8	7
29	g	breſt	6	21	5	4	1	6	7
30	a	heart.	7	0	6	4	1	4	7

Sun in taur.
 Palm. ſund.

Eaſter day.

Dark Chan

ſalt

May hath xxxj dayes.

First quarter the 1 day, at 3 in the afternoone.

Full Moon the 8 day, 6 min. aft. 3 in the afternoon.

Last quarter the 16 day, about 3 in the afternoon.

New Moon the 24 day, 4 min. after 3 in the morn.

First quarter the 30 day, about 8 at night.

1	b	Phil. & Jacob	heart	7	56	☾	4	12	7	48
2	c		womb	8	34	8	4	10	7	50
3	d	Quind. Pasc.	womb	9	24	9	4	8	7	52
4	e	Except. ret.	loynes	10	12	10	4	6	7	54
5	f	Term begin.	loynes	11	0	11	4	4	7	56
6	g		loynes	11	46	12	4	3	7	57
7	a		secrets	1	30	13	4	1	7	59
8	b		secrets	2	34	☉	4	0	8	0
9	c		thighes	3	40	15	4	58	8	2
10	d	Sun in gem.	thighes	4	38	16	3	57	8	4
11	e	Exception.	knees	5	26	17	3	55	8	5
12	f	Return.	knees	6	14	18	3	54	8	6
13	g	Appearance	knees	7	12	19	3	52	8	8
14	a		legs	7	50	20	3	51	8	9
15	b		legs	8	38	21	3	49	8	11
16	c		feet	9	26	☾	3	47	8	13
17	d	Penf. Pasc.	feet	10	14	23	3	46	8	14
18	e	Exception	feet	11	0	24	3	44	8	16
19	f	Return bze.	head	11	48	25	3	43	8	17
20	g	Appearance	head	12	38	26	3	42	8	18
21	a		neck	1	26	27	3	41	8	19
22	b		arms &	2	14	28	3	40	8	20
23	c		should.	2	58	29	3	39	8	21
24	d	Quin. pasc.	breft &	3	36	☉	3	38	8	22
25	e	Except. ret.	stomac	4	28	1	3	37	8	23
26	f	Fast	throat	5	26	2	3	36	8	24
27	g	Ascension	heart	6	24	3	3	35	8	25
28	a	Crast. Ascen	heart	7	24	3	3	34	8	26
29	b	Except. ret.	back	7	40	5	3	33	8	27
30	c		womb	8	38	☾	3	32	8	28
31	d	Term ends	womb	9	26	7	3	31	8	29

June hath xxx dayes.

Full Moon the 7 day, near 4 in the morning.
 2^d quarter the 15 day, near 7 in the morning.
 New Moon the 22 day, about 11 in the morning.
 First quarter the 29 day, near 2 in the morning.

1	e		reines	10	14	8	3	30	8	30
2	f		loynes	11	48	9	3	30	8	30
3	g		secrets.	12	36	10	3	29	8	31
4	a		secrets	1	24	11	3	29	8	31
5	b		thighes	2	0	12	3	28	8	32
6	C	Eight Sunday	thighes	2	50	13	3	28	8	32
7	d		thighes	3	30	14	3	28	8	32
8	e		lnees	4	40	15	3	28	8	32
9	f		knees	5	24	16	3	28	8	32
10	g		legs	6	12	17	3	28	8	32
11	a	Sun in can.	legs	7	0	18	3	27	8	33
12	b		feet	7	48	19	3	27	8	33
13	C	Trinit. Sun	feet	8	36	20	3	27	8	33
14	d	Craft. Trin.	head	9	24	21	3	27	8	33
15	e	Exception	head	10	12	22	3	28	8	32
16	f	Ret. bieb.	neck	11	0	23	3	28	8	32
17	g	Apparance	neck	11	48	24	3	28	8	32
18	a	Termes begin	neck	12	36	25	3	28	8	32
19	b		legs	1	24	26	3	28	8	32
20	C		arms	2	6	27	3	28	8	32
21	d	Octab. Trin.	arms	3	14	28	3	29	8	31
22	e	Excep. ret.	brest	3	40	29	3	29	8	31
23	f	Apparance	brest	4	36	1	3	30	8	30
24	g	John Bapt.	heart	5	24	2	3	30	8	30
25	a		heart	6	0	3	3	31	8	29
26	b		womb	7	44	4	3	32	8	28
27	C		womb	7	52	5	3	33	8	27
28	d	Quind. Tri.	loynes	8	40	6	3	34	8	26
29	e	Peter Apost.	loynes	9	24	7	3	35	8	25
30	f	Full	secrets	10	68	8	3	36	8	24

July hath xxxi dayes.

Full Moon the 6 day, about 6 in the afternoon.

Last quarter the 14 day, about 9 at night.

New Moon the 21 day, 7 at night.

First quarter the 28 day, near 10 before noon.

1	a		secret &	11	0	9	3	37	8	23
2	b		bladder	11	48	10	3	38	8	22
3	c		thighes	12	30		3	39	8	21
4	d		thighes	1	24		3	41	8	19
5	e	Tres trin.	knees	2	12		3	42	8	18
6	f	Except ret.	knees	3	0	0	3	43	8	17
7	g	Termends	legs	3	48	15	3	45	8	15
8	a		legs	4	36	16	3	46	8	14
9	b		legs	5	24	17	3	48	8	12
10	c		feet	6	12	18	3	50	8	10
11	d	Sun in leo	feet	7	0	19	3	52	8	8
12	e		head &	7	48	20	3	54	8	6
13	f		face	8	36	21	3	55	8	5
14	g		neck &	9	24	22	3	57	8	3
15	a		throat	10	12	23	3	59	8	1
16	b		arms &	11	0	24	4	0	8	0
17	c		should.	11	48	25	4	2	7	58
18	d		breast	12	36	26	4	3	7	57
19	e	Dog da begin	arms &	1	24	27	4	5	7	55
20	f		should.	2	12	28	4	7	7	53
21	g		should.	3	0	29	4	9	7	51
22	a		heart	3	48	1	4	11	7	49
23	b		heart &	4	36	2	4	13	7	47
24	c		back	5	24	3	4	15	7	45
25	d	James Apost	guts	6	12	4	4	17	7	43
26	e		guts &	7	0	5	4	19	7	41
27	f		belly	7	48	6	4	20	7	40
28	g	Fall	loynes	8	36	7	4	22	7	38
29	a		loynes	9	24	8	4	24	7	36
30	b		loynes	10	12	9	4	26	7	34
31	c		thighes	11	0	10	4	28	7	32

August hath xxxi dayes.

Full Moon the 5 day, past 9 before noone.

Last quarter the 13 day, neare 9 in the morning.

New Moon the 20 day, half houre aft. 2 in the morn.

First quarter the 26 day, neare 10 at night.

1		knees	11	48	11	4	26	7	34
2	d	knees	12	36	12	4	28	7	32
3	e	knees	1	24	13	4	30	7	30
4	f	legs	2	12	14	4	32	7	28
5	g	legs	3	0	15	4	34	7	26
6	a	feet	3	48	16	4	36	7	24
7	b	feet	4	36	17	4	38	7	22
8	c	feet	5	24	18	4	40	7	20
9	d	head	6	12	19	4	42	7	18
10	e	head	7	0	20	4	45	7	15
11	f	neck	7	48	21	4	47	7	13
12	g	neck	8	36	22	4	49	7	11
13	a	arms &	9	24	23	4	51	7	9
14	b	should.	10	12	24	4	53	7	7
15	c	hands	11	0	25	4	55	7	5
16	d	brest	11	48	26	4	57	7	3
17	e	brest	12	36	27	4	59	7	1
18	f	heart	1	24	28	5	2	6	58
19	g	heart	2	12	29	5	4	6	56
20	a	womb	3	0	30	5	6	6	54
21	b	womb	3	48	1	5	8	6	52
22	c	loynes	4	36	2	5	10	6	50
23	d	loynes	5	24	3	5	12	6	48
24	e	secrets	6	12	4	5	14	6	46
25	f	secrets	7	0	5	5	16	6	44
26	g	thighes	7	48	6	5	18	6	42
27	a	thighes	8	36	7	5	20	6	40
28	b	knees	9	24	8	5	22	6	38
29	c	knees	10	12	9	5	24	6	36
30	d	legs	11	0	10	5	26	6	34
31	e	legs	11	48	11	5	29	6	32

Sun in breg.

Barthol. Ap.

fast

Dog day end

September hath xxx dayes.

Full Moon the 4 day, 38 min. past 1 in the morn.
 Last quarter the 11 day, neare 7 at night.
 New Moon the 18 day, neare 11 before noon.
 First quarter the 25 day, about 2 afternoone.

1	f	legs	12	36	12	5	32	6	28
2	g	feet	10	24	13	5	34	6	26
3	a	feet	2	12	14	5	36	6	24
4	b	feet	3	C	5	5	38	6	22
5	c	head	3	48	16	5	40	6	20
6	d	head	4	36	17	5	42	6	18
7	e	neck	5	24	18	5	44	6	16
8	f	neck	6	12	19	5	47	6	13
9	g	neck	7	C	20	5	49	6	11
10	a	arms	7	48	21	5	51	6	9
11	b	armes	8	36	C	5	54	6	6
12	c	breſt	9	24	23	5	56	6	4
13	d	breſt	10	12	24	5	58	6	2
14	e	heart	11	O	25	6	C	6	0
15	f	heart	11	48	26	5	25	58	
16	g	womb	12	46	27	6	45	56	
17	a	womb	2	O	28	5	65	54	
18	b	loynes	3	C	●	5	95	51	
19	c	loynes	3	48	1	5	115	49	
20	d	ſecrets	4	36	2	5	135	47	
21	e	ſecrets	5	24	3	5	165	44	
22	f	thighes	6	12	4	5	185	42	
23	g	thighes	7	C	5	5	205	40	
24	a	thighes	7	48	6	5	225	38	
25	b	knees	8	36	7	6	245	36	
26	c	knees	9	24	8	5	275	33	
27	d	legs	10	12	9	5	295	31	
28	e	legs	11	C	10	5	315	29	
29	f	faſt	11	48	11	5	345	26	
30	g	feet	12	36	12	5	365	24	

Sun in libra
 2 Equinoct.

Matth. 3po.

Michael

October hath xxxj dayes.

Full Moon the 3 day, about 6 in the afternoone.
 Last quarter 11 day near 4 in the morning.
 New Moon the 17 day, 42 min. past 8 at night.
 First quarter 25 day, about 9 in the morning.

1	a		feet	1	24	13	6	38	5	22
2	b		head	2	12	14	6	41	5	19
3	c		head &	3	c	●	6	43	5	17
4	d		head	3	48	16	6	45	5	15
5	e		neck &	4	36	17	6	48	5	12
6	f		throat	5	24	18	6	50	5	10
7	g		arms &	6	12	19	6	52	5	8
8	a		Should.	7	c	20	6	54	5	6
9	b		breſt &	7	48	21	6	56	5	4
10	c		ſtomac	8	36	22	6	58	5	2
11	d		heart &	9	24	●	7	14	59	
12	e		back	10	12	24	7	34	57	
13	f	Sun in ſcorp	womb	11	0	25	7	54	55	
14	g		womb	11	48	26	7	74	53	
15	a		guts	12	36	27	7	94	51	
16	b		guts &	1	30	28	7	114	49	
17	c		belly	2	2	●	7	134	47	
18	d	Luke Evan.	loynes	3	16	1	7	164	44	
19	e		loynes	4	0	2	7	184	42	
20	f	Tres Mich.	ſecrets	5	0	3	7	204	40	
21	g	Exception	ſecret &	6	0	4	7	234	37	
22	a	Return, bzeb	bladder	7	0	5	7	254	35	
23	b	Term begin	thighes	7	48	6	7	274	33	
24	c		thighes	8	36	7	7	294	31	
25	d		thighes	9	24	●	7	324	28	
26	e		knees	10	12	9	7	344	26	
27	f	Fall	knees	11	0	10	7	364	24	
28	g	Stm. & Jude	legs	11	48	11	7	384	22	
29	a	Penſe mich.	legs	12	36	12	7	404	20	
30	b	Excepi. retu.	head	1	24	13	7	414	19	
31	c		head	2	12	14	7	424	18	

November hath xxx dayes.

Full Moone the 2 day, 22 min. after 9 in the morn.

Last quarter the 9 day, near 11 before noone.

New Moone the 16 day, 14 min. after 9 before noon.

First quarter 24 day, near 6 in the morning.

1	d	All Saints	neck &	2	50	15	7	43	4	15
2	e	Craft. anim.	throat	3	26	●	7	47	4	13
3	f	Except. ret.	arms &	4	24	17	7	49	4	11
4	g	Appearance	should.	5	2	18	7	51	4	9
5	a	Papist. conf.	breast &	6	10	19	7	53	4	7
6	b		stomac	7	0	20	7	55	4	5
7	c		heart &	7	48	21	7	57	4	3
8	d		back	8	36	22	7	59	4	2
9	e		guis &	9	24	2	8	0	4	0
10	f	Sun in sag.	belly	10	12	24	8	1	3	59
11	g	Martin	loynes	11	0	25	8	3	3	57
12	a	Craft. mart.	loynes	11	48	26	8	5	3	55
13	b	Except. ret.	secret. &	12	36	27	8	6	3	54
14	c		bladder	1	24	28	8	8	3	52
15	d	Appearance	thighes	2	12	29	8	10	3	50
16	e		thighes	3	0	●	8	12	3	48
17	f		thighes	3	48	1	8	14	3	46
18	g	Octab. mart.	knees	4	36	2	8	15	3	45
19	a	Except. ret.	knees	5	24	3	8	17	3	43
20	b	Appearance	knees	6	12	4	8	18	3	42
21	c		legs	7	0	5	8	19	3	41
22	d		legs	7	48	6	8	20	3	40
23	e		feet	8	36	7	8	22	3	38
24	f	Fast	feet	9	24	8	8	23	3	37
25	g	Quin. mart.	head	10	12	9	8	24	3	36
26	a	Except. ret.	head &	11	0	10	8	25	3	35
27	b	Appearance	face	11	48	11	8	26	3	34
28	c	Advent sund.	neck	12	36	12	8	27	3	33
29	d	Term ends	neck &	1	24	13	8	28	3	32
30	e	Andrew Ap.	throat	2	12	14	8	29	3	31

December hath xxxj dayes.

Full Moon the 1 day, about 12 at night.
 Last quarter the 8 day, near 8 at night.
 New Moon the 16 day, about 1 in the morning.
 First quarter the 24 day, near 4 in the morning.
 Full Moone the 31 day, at one in the afternoone.

1	f	arms	3	0	3	29	3	31
2	g	should.	3	48	16	3	30	30
3	a	breſt	4	36	17	3	30	30
4	b	breſt	5	24	18	3	31	29
5	c	heart	6	12	19	3	31	29
6	d	heart	7	0	20	3	32	28
7	e	womb	7	48	21	3	32	28
8	f	womb	8	36	22	3	32	28
9	g	loynes	9	24	23	3	33	28
10	a	loynes	10	12	24	3	32	28
11	b	thighes	11	0	25	3	32	28
12	c	thighes	12	48	26	3	32	28
13	d	thighes	1	36	27	3	32	28
14	e	thighes	2	24	28	3	32	28
15	f	thighes	3	12	29	3	32	28
16	g	knees	3	0	30	3	32	28
17	a	knees	3	48	1	3	32	28
18	b	legs	4	36	2	3	32	28
19	c	legs	5	24	3	3	31	29
20	d	legs	6	12	4	3	3	29
21	e	feet	7	0	5	3	3	30
22	f	feet	7	48	6	3	3	30
23	g	head	8	36	7	3	29	31
24	a	head	9	24	8	3	29	31
25	b	head	10	12	9	3	28	32
26	c	neck	11	0	10	3	28	32
27	d	tiptoe	11	48	11	3	27	34
28	e	armes	12	36	12	3	25	35
29	f	should.	1	24	13	3	24	36
30	g	breſt	2	12	14	3	23	37
31	a	omac	3	0	15	3	22	38

Sun in capri

Shortest day

Winter

Thomas Ap.

Christs birth

Stephen

John Evang

Innocents

fast



THOMAS LANGLEY
His Prognostication for this present
yeare. 1647.

Winter.



According to Astronomicall computation began the 13th day of December last 1646. at which time the Sun entred into the first minute of the Southern and tropicall line Capricorn, making the shortest Day and longest Night in the yeare; at which time he began his Northern progresse to the Equator. This quarter is of its own nature (Cold and dry, at which time the Earth is at rest and ceaseth to bring forth, that it may recover againe the lost strength against Summer, from whence Winter most commonly bindeth the Earth, which it warmeth and covereth with Snow, as with a garment and refreshment with store of raine) for Snow and Ice are comfortable to Corn and Fruits and bringeth forth plenty of all things, and after the Sun hath accomplit his last degree under Aquarius and Pisces, hee openeth the earth with new and pleasant gales of wind and prepareth the Spring-time. And this is the proper temperament or moderation of every Quarter in the yeare, which is alwayes to be considered in Metrologie, lest that we speake of Flowers in winter and Ice in summer. The dryer this quarter is the wholsomier it is, too much cold killeth Trees in a warme region; especially the young and tender. A warme and a moist Winter is very unwholsome, and an enemy to Husbandmen.

In this Bruinall quarter it is good to eate well, because at this time mans stomacke is of good digestion,

A Prognostication.

The Diseases incident to this quarter are such as accompany Old age or dotage, viz. The Gout, Sciatica, Coughs, Palfies, shrinking of the Sinewes, trembling of the Ioynts, bleedre Eyes, Stranguries, Stone, Dropsies, and the pinching of old diseases proceeding from the want of blood, swellings about the Face, Laskes, hoarsnesse, Tooth-ach, Cramps, and Agues of sundry sorts, &c.

Spring.

THE Winter revolution being fully finished the Sunne mounteth and moveth into the first degree of the first Equinoctiall sine *Aries*, at which moment the Spring hath its beginning, now the Dayes and Nights are of an equal length, the Sun rising at 6 a clock in the morning, and setting at 6 at night, this Quarter ends on the 12 day of *June*.

This quarter by nature is hot and moist, for then the Sun is come neere to the verticall Point, and also to Starres of a hotter nature; causing thereby the dryer winds to blow, at which sort is *Subsolanus*, and *Savonius*, called the West winds, whereby superfluous humours are waisted and consumed, the seed conveniently sowne, and the ground stirred and made fit to bring forth, and setteth forward Trees, Vines, Flowers, and bedecketh the Earth with Grasse, and Hearbs: but because the new and tender Corne lately sprung up requireth moist showers, there ariseth in the morning with the Sun the *Pleyader*, *Oryon*, the *Hindes*, and in the evening *Arcturus*, Starres stirring up raine and moyst winds, dangerous for Saylor, the Sun comming to *Gemini*, moveth a convenient temperament to the former seed-time.

A moyst Spring makes Fruit to rot, and weeds to abound, if hot, Roles will be rank but not sweet, if cold and dry, then will beere Frosts fall at the end of the quarter, if wet with much South winds, and the former winds dry, the next summer Agues will be rife. A dry Spring with much Northern winds, and a wet Winter full of Southern winds going be.
fere

Langley 1647.

fore, causeth Women with Children to bee delivered before their time, or to bring forth weake children; Generally if the quarter differ from its proper nature, the commodities of the Earth will be bad and scarce.

The Diseases of this quarter are such as are subject to Infancy, as followeth, viz. Small Pox, Measels, Spots, tooth-ach, Squinancy, Kings-evil, Scabs, Ringwormes, Faintings, Leprosie, Falling sicknesse, shing'les, Tetters, Inflammations, Itches, and all such like proceeding of corrupt blood.

Summer.

Beginneth at the Suns ingresse into the first minute of the Northernne sine *Cancer*, which will be on the 13 day of June.

This quarter by nature is hot and dry, producing our Summer solstice, for even as the Sun when he entred into *Capricorn* had his greatest South declination from the Equinoctiall line; so now at his ingression into *Cancer*, he hath his greatest declination to the North from the said Equinoctiall line.

If Summer be over wet, Fruits will putrifie, small store of Graine, much sicknesse; if be over dry want of Graine, but summer Fruits will be wholsome, Fishes will dye in Ponds, great sicknesse like to happen: to conclude, if cold, the yeare will be wholsome, but the fruit will be rotten.

Mans Stomack is now more weaker then before in the Winter quarter, and therefore slower of digestion; therefore use such coole and cold meats that doe moysten and mitigate the nature of the quarter, which is hot and dry.

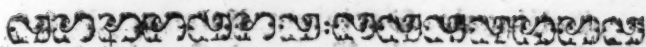
The diseases of this quarter, are Griefes and torments in the Brest, Ribs and Spleen, Pushes in the face, Leprosie, bleered and sore Eyes, Plurifies, sorrow, vexations, Feavers of blood, Aposthumes, Iaudies, Inflammations, Pestilence, and such also that doe proceed from adust Choller and distempered corrupted blood.

A Prognostication.

Autumne or Harvest.

THIS quarter beginneth on the 13 day of *September*, when the Sunn entrencheth into the first min. of the Equinoctiall line *Libra*, making the Night equall to the dayes. This quarter is by nature cold and dry, for the heat ceaseth with the Summer passed : And although plentifull showers doe fall, and the Vintage abundant, and the Winter seed time made more commodious, yet notwithstanding, yet there doth remaine heat in the ayre, which by the Suns access to stars in *sagittarius* is somewhat increased, and the moisture of the earth drawne up, and the ground cherished, and prepared for the Winter quarter, lest cold comming on a sudden, might hurt the seed and Winter corne, and may be termed our second Spring, being a fit time as was before in the Spring quarter to take Physick, provided with the advice of the learned Physician. and not of Quacksalvers, or of Women Doctors, who kill more then they cure ; If Autumne be moyst, Grapes will putrifie ; if the beginning bee dry, there will be much, if not much sicknesse and evils, if cold losse of Harvest, Fruits in quantity, iuyce and beauty.

This Quarter because of the inequality of the temperature, may as *Hipocrate* saith, the Mother or Nurse of deadly sickneses, especially paines in the Back and privy parts, infirmities in the Face, quatern Agues, Dropsies, Vertigo, Falling sicknesse, Head-ach, toothache, surrets, dimnesse of sight, Rawnesse in the stomack, back ache, purse ache, which is like to prove the Heart ache ; from the which and all such like, Good Lord deliver us all, Amen.



Meats good for the Body.

GRapes Raisons of the Sun, Figs, before
meat morning milke drunk fasting, Pul-
lets Pigeons Caponets Aleale young-Pork,
Beefe about thre yeares old, Rice with Al-
mond milke, small Birds of the field, greene
Cheese. Hen-egges new poached, and not too
hard Partridges, Pheasants, Fish out of sto-
my rivers, Chickins, &c.

Meat good to dry up Blood by Phlegme.

These ensuing be good for that purpose, else
they burne and enflame, viz. all Sweet meats,
Garlick Onions Honey, Pepper, Rocket,
Lekes, and old Wine measurably drunk.

Meats good to assuage Heat.

Pease Cheese Grapes, Lambs flesh Cu-
cumbers fresh Fish, Braines, inward parts
of beasts, and meats full of sinewes.

To mitigate heat with coldnesse.

Beefe, Hares flesh Bealone salt meat fish
or flesh, old Cheese hard Egges, Apples un-
ripe thick Wines, unleavened bread, Milke
well sodden, Shal-fish, browne bread, fennell,
Bazill,

A Prognostication.

Good for the Head.

Callingale, Marjoram, Rosemary, Roses,
Hyssop, Camomile, Rue, and Frankinsence.

Good for the Heart.

Sinamon, Saffron, Cloves, Mace, Bug-
loss, Burrage, Musk, Sweetbell, Rosemary,
Marjoram, and Nutmegs.

Good for the Stomack.

Quinces, Nutmegs, Saffron, Worme-
wood, Currall, Mints, Cloves, and Cozian-
der prepared.

Good for the Eyes.

Fennell, Herbin, Cloves, cold water,
Celendine Lapis Calaminaris steeped in white
wine or Rose water. Eye bright, all Greene
colours to view, ground Ibe, new Verjupes
without salt, white bread and white Rose
water, Womans milke and white Rose wa-
ter. wash your hands and face often in cleere
running springs, and wash behind your eares,
combe your head often drawing the combe be-
hind your eares from the crowne of the head,
Sleepe not overmuch, neither overwatch, be
not over violent in any labour or exercise.

Good for the Liver.

Lettice, Liverwort, Violets, Rosewater,
Liverwort, Fennell and cloves. with wash-
ing your hands in cleere running water.

Good

Langley, 1647.

Good for the Lungs.

Nicots, Almonds, Dates, Lung-wort, Pe-
nyder, breathing in fresh Ayre.

Evill for the Eyes.

To looke too much on the fire, all red co-
lours, Mustard, and to read or study too soone
after meat. to eat much Garlick Onions,
Beets, Radishes, salt meats Coleworts and
pulse, Wine thick and sweet, smoke and
dust, Bats blood (an old proverb) to make one
see as well by night as by day, verified by any
blind man.

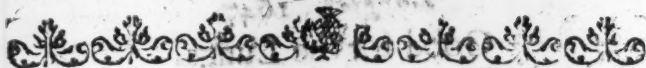
Good for the Braine.

To smell to Camomile, Musk and red Ro-
ses. to wash the temples of y head often with
Rose water. eat sage measurably, to drinke
Wine the like, keep the body warme, to wash
hands often, walk and sleep moderately, take
warne broaths, Mustard, Pepper, not to be
troubled with too much noise, &c.

Naught for the Braine.

Late suppers, much sleeps after meat, anger,
to smell unto white roses, Garlick, Onions,
eating much milk and cheese, stand not long
bareheaded, eat not hastily nor overmuch, feed
not overmuch on any kind of braines. much
sweating in labour or travell, and a belotted
practise in drynking, &c.

A Prognostication.



Further Cautions.

Take no Whysick in the Dog dayes, nor her in the extreme heat of Summer, or extreme cold in Winter.

Rise early in the morning, especially in May and June, and walk the first day, after the filling of the vessels with some good drink, as broath.

It is better to eat with some surmition, than to eat and have one, because the stomach may be clogged.

It is a signe of good digestion to be cold perfect of meat, and not too late in the evening.

In the Spring let your diet be light, therefore such meats as are good for the stomach, as eggs, and bread, and apples, and such like, and all like meats do breed blood, but in the summer months, and in this Quarter take heed to be sick without danger.

In Summer the pores be open of the body, which nature heat is in the winter, which makes digestion the more weaker, therefore let the diet be more light than in the Spring, and such of a cold diet, as is good for the summer months.

In Autumn it is best of eating much, for if thou catch a Surfeit, this season is fittest to cure Whysick in the winter.

In Winter the coldness of the air drives in natural heat, whereby the stomach is made able almost fast to digest any kind of meat.

Fly wrath, Envy, &c. Use Whysick modestly, and keep it secret. Drink before you walk in the morning, for a piece or so in the morning, fast not long in the morning, retain not your stomach too long, keep it in a pure state, walk not about in Whysick and Fogges early or late, in all things observe measure, and in measure consisteth health.

Qui ante non curat post dalebit.

Geome-

Langley. 1647.

Geometricall Measures.

THree Barley-cornes in length make an Inch,
12 inches a Foot, 3 Foot a Yard, 5 yards and
a half, or 16 foot and a half, make a Pole or Rod
to measure Land with 40 of those Poles are a
Fur long 8 furlong make an English mile.

In an English mile is contained 1760 yards,
5280 feet, 67260 inches 1920080 Barley corner,
in wch is contained of Square : Poles 160, yards
4840, feet 43560, inches 6272646.

In a foot of Board or Glasie is contained 144
flat square inches : In a foot of Timber is contain-
ed 1728 cubicall square inches (this is to be un-
derstood to bee as square as a Dye) and of such
like square quarters of Inches 110592.

To measure Timber is to multiply its square in its selfe,
and with that Product 1728 the square Inches that are in
one foot) and the Quotient will shew how much in length
for one foot. *Example.* A piece of Timber being 8 In-
ches square, that 8 being multiplied in it selfe maketh 64,
by which if you divide 1728, the Quotient will be 27,
which shewes that when the piece is 8 inches square, 27
inches in length will make a Foot square, that is a foot of
Timber ; thus may you doe by any square.

The longest day at *London* is 16 houres and 30 minutes.

At *Yorke* 17 houres lack 2 minutes.

The longest day at *Cambridge* is 16 houres and 34 min-
4 minutes longer then at *London*, and shorter by 14 min-
then the day at *Yorke*.

Nulla dies pereat. perent pars nulla diei

Ne tu sic pereas, ut perire dies.

A Prognostication.

*To know when the Moone will be South
every day in this yeare. 1647.*

Age of the Moone		Moone South.	
		H.	M.
1	16	12	48
2	17	1	36
3	18	2	24
4	19	3	12
5	20	4	0
6	21	4	48
7	22	5	36
8	23	6	24
9	24	7	12
10	25	8	0
11	26	8	48
12	27	9	36
13	28	10	24
14	29	11	12
15	30	12	0

First find her Age in the Kalendar, the which age find in one of the rowes upon the left hand in this little Table descending or ascending : against which in the third Colonne, is the time of her being South.

Example.

As the 28 day of *May* shee is 4 dayes old, and she is at the South at 3 of the clock and 12 minutes. And you must note also all the increasing she commeth to the South in the Evening following the Sun ; but in the decrease in the Morning going before the Sunne.

*To know how long the Moone shineth every
day this yeare. 1647.*

IF the Moone increase finde her setting and the Suns setting, for so much as the Sun setteth before her, so long she doth shine ; but if she be past the Full as in decreasing, see how much she doth shine before the Sun, and so long doth she shine also.

Langley. 1647.

*To know the Houre of the night by the
Moone.*

Find before at what a clocke the Moone will be South,
and keepe that in memory, then looke upon any ordina-
ry Sun dyall, and see at what a clocke the shadow of the
Moone pointeth at, noting how much it wanteth or is past
12 of the clocke in the Dyall; if it want of 12, the true
houre of the Night wants so many houres of being South
with the Moone; but if it be past 12, then so many houres
as it is past 12, you must put to her being South, for the
true Houre of the night.

Example.

1647, The 28 day of May, the Moone is South at 3. of
the clocke and 12 minutes, then looking on a Sun dyall at
night, I find her shadow at 4 of the clock past 12, which
together is 7 houres and 12 minutes; so I conclude that it
is 7 of the clock and 12 min. at night, thus you must doe
of the rest. Note that 60 Minutes make an houre, 30
halfe an houre, and 15 minutes a quarter.

*To find high Water in most of the Coasts of England
as also upon what Point of the Compass it
floweth in any of these Places.*

First (as you are before instructed) find what houre the
Moone will be South, for you may then conclude, that
it is high water at Southampton, Quaborough, and Port-
smouth, for there the South and North moones doe make a
full water. But if you desire full water at any other place
or Coast about this Kingdome; in the ensuing Table find
the name of the Place, and see how many Houres and mi-
nutes be annexed under the Row H. and M. which if you
adde to the time of the Moones comming to the South, you
have the time of high water, for that place required. And
to give the more content I have adjoynd the Points of the
Com.

A Prognostication.

Compass that the Moone must be on to make a full Sea. In which is shewed the rare use of the Loadstone, or magneticall bodies, whose divers vertues, motions and hidden secrets, are ingeniously discovered of late, by Doctor *Gilbert*, and Doctor *Ridley*, advising all Sea-men to view well the same.

Scientia non habet inimicum nisi Ignorantem.

<i>Names of the Havens.</i>	<i>H. M.</i>	<i>Poin. of the Comp.</i>
Redban, or <i>Aberden</i> , <i>Abde</i> ,	0 45	S.w.b.w. N. by E.
Graveſend, adde	1 30	S.s.w. N.N.E.
Dunlee, St. <i>Andrew</i> , <i>Silly</i> ,	2 5	S.w.b.s. NE. by N.
London, <i>Tramouth</i> , <i>Hattle</i> , <i>poole</i> .	3 0	W. N.E.
<i>Burwick</i> , <i>Oleſt</i> , —	3 45	S.w.b.w. N.E. b.N.
<i>Friſh</i> , <i>Leith</i> , <i>Dunbar</i> , —	4 30	W.s.w. E.N.E.
<i>Foy</i> , <i>Falmouth</i> , adde	5 15	W.b.w. E. by N.
<i>Foy</i> , <i>Liz</i> , <i>Hummer</i> , <i>Vermouth</i> ,		
or <i>Plymouth</i> , adde —	6 0	E. W.
<i>Foy</i> , <i>Bristol</i> , adde	6 45	E by S. W by N.
<i>Milford</i> , <i>Bridge-water</i> ,	7 30	E. S.E. W N.w.
<i>Portland</i> , <i>Peterport</i> ,	8 15	S.E. b.E. N.w. by w.
<i>Orkney</i> - <i>poole</i> , <i>Orwell</i> , —	9 0	S.E. N.W.
<i>Deſp</i> , <i>Lux</i> , <i>Lenny</i> ,	9 15	S.E. b.S. N.w. b.N.
<i>Collyn</i> , <i>Harwich</i> , <i>Dover</i> , <i>Tarm</i>	10 30	S. S.E. N.N.w.
<i>Wice</i> , <i>Ru</i> , <i>Wschelle</i> y.	11 15	S.E. N. by W.

Example

The 28 day of May 1647. it is required to know the full Tide at Graveſend; by the former table, I find the Moone South at 3 of the clock 12 minutes, then in the laſt table againſt the name of Graveſend, I doe find one houre 30 minutes, which being added together make 4 houres 42 minutes; and you muſt note your Spring-tides, and full Moones being in Tides ſooner, and ſtrong boyſterous winds hinder or further Tides; moreover at the ſame time of full water at Graveſend, the poynſe of the Compaſſe is South South-weſt, or North north eaſt.

Agr

Langley, 1647.

Astronomical elections in Physick.

AND first Blood-letting is chiefly to be regarded, with great circumspection and advice of the learned Physician, avoiding all Quack-salving Knaves, who kill more then they cure. Note generally that it is not convenient either for a Leane man, or a very Fat man, to be let Blood, neither for a Child under fourteen yeares of age, neither for a man above Fifty, and also there must be observed the time of the yeare, time of the day, and dyet, &c.

For Comple-
xion let
Blood, { Phlegmatick, the
 { Melancholly { Moon
 { Chollerick { in
 { Sanguine — { or either of these,
 Cancer, or Pisces.

For Age
let Blood, { Youth, from the Change to the first quarter.
 { Middle age, from the first quart to the Full.
 { Elder age, from the full to the last quarter.
 { Old age, from the last quart. to the change.

Let not
Blood { The Moone in Gemini, Taurus, Leo, Virgo, Capric.
 { The day before or after the Change, or Full.
 { 12 houres before or after the quarters of y^e Moon
 { The Moon with Saturne or Mars very aspective.

Time of the
yeare, { The Spring very good.
 { And Harvest indifferent.

The time of
the day { In the morning after Sun-rising fasting,
 { the ayre being temperate.
 { After noone after perfect digestion,
 { the wind not South.

Dyet after
Bleeding { Sleepe not presently, stirre not violently,
 { Use no venery, eate good dyet warily.

Notwithstanding for the Phrensie, Pestilence, Squinancie, and Plurisie, Apoplexy, a continuall Head ache growing of Choller and blood, a hot burning Fever, or any other extreame paine, in this case the Patient may not stay a chosen time, but incontinently with all convenient speed they must seeke speedy remedy, but then blood is not to be let in so great a quantity, as if a chosen time might be respected.

Good

A Prognostication.

Good to Purge with Electuaries, Potions, Pills, the Moon
in *Cancer, Scorpio, Pisces.*

		Good to	_____
Prepare Humours, —	} The Moone in	{	<i>Gemini, Libra, Aquarius.</i>
Vomit, —			<i>Aries, Taurus, Capricorne.</i>
Purge by Sneezing,			<i>Cancer, Leo, Virgo.</i>
Take Glisters, —			<i>Aries, Libra, Scorpio.</i>
Take Gargarismes,			<i>Cancer, or Aries.</i>
Stop Rhumes, fluxes.			<i>Taurus, Capricorn, or Virgo.</i>
Bath for cold diseases			<i>Aries, Leo, Sagittarius.</i>

Notes of Consequence.

Sixty Minutes doe make an houre, a Day naturall is 24
houres, Artificiall 12 houres; 365 Dayes 6 houres a
Yeare, 12 Moneths a yeare Solar, 13 moneths a yeare
Lunar; 12 Inches makes a Foot, 3 foot makes a Yard;
3 Feet 9 inches makes an Ell, 16 Feet 3 inches makes a
Pole or Rod, 40 Poles doe make a Furlong, and 8 furlongs
doe make a Mile, and 3 miles make a League. The com-
passe of the whole Earth is held to be 21600 Miles, or 360
Degrees, each degree being equall unto 60 Miles. The
Sun passeth in an houre 900 miles as some doe write. The
compasse of *England* is held to be 1532 Miles; the longest
Day at *London* is 16 Houres and 30 minutes, at *Yorke* 17
houres wanting 2 minutes; the longest day at *Cambridge* is
16 houres and 34 minutes. 12 Ounces make a Pound troy,
16 Ounces, haverdepoyse, 24 Graines of Barley, a Penny-
weight; 3 Bushels of Sea-cole a sacke. In a barrell of Ale
should be 32 Gallons, 64 Pottles, 128 Quarts, 256 pints.
In a barrell of Beere 36 gallons, 72 pottles, 144 quarts,
288 pints. In a tunne of Wine 152 gallons, 504 pottles,
1008 quarts, 2016 pints. 1 Reame of Paper is 20 Quires,
each quire containing 25 sheets. 1 Role of Parchment
containeth 5 dozen; a Role of Vellumbe 3 dozen.

Et sic de ceteris.

Langley, 1647.

The short view of Astronomy.

THe world is a perfect composition of all things, but is finite: adorned with all kind of formes and shapes of bodies which in all parts are procreated and do appeare, and at first created by God as well in earth as in heaven, by his Word onely of nothing, to the end the same may be a proper mansion place for man, in which hee might behold him dayly, and make his glorious workes manifestly known.

Aristotle maketh two definitions of the world, The first, that it is an apt frame consisting of Heaven and Earth, and of all Cœlestiall and Terrestriall Bodies, and of other naturall things therein contained.

The other, that it is a body perfect, of forme round, containing the ordinances and descriptions of bodies created by God to tend unto a purpose; And is divided into two parts, viz. *Elementall*, and *Ætheriall*; The first is subject to dayly alterations, and containeth 4 Elements; viz. *Earth, Ayre, Fire, and Water*, An Element is that whereof any thing is compounded, and of it selfe not compounded; of these 4 Elements any part of any kind is also named for the whole: as any part of the Earth is called Earth, and so of the rest: of the commixion of them is ingendred divers things of sundry kinds, as well vegetative as sensitive, rational or irratiōall, and every of these Elements nourisheth living creatures; as the *Sallander* in the fire, which is but an imperfect Element, because mixt with earthly matter; the *Camelion* by the ayre, and birds that live there, fishes in the Water, Moles and wormes in the Earth, Man and beasts on the Earth. The superficial convexity of any of these, as also the Planets resting on the superficial concavity of the next superiour Planer and Element: As the Earth hangeth in a concavity of the Water, the water in the concavity of the ayre, &c.

A Prognostication,

the ayre in the concavity of the Fire : as scales of Onyons inclosed within one another. The Earth a round body like a Ball, darke and yellow, without all concavity hangeth in the midst of the world by the providence of God, being but as the point of a pen in respect of the heavens, cold and dry by nature. The water cold and moist, the ayre warme and moist, the fire hot and dry; each Element participating with the other; as Fire with Ayre in warmenesse, the Ayre with the Water in moistnesse, the Earth with the Water in coldnesse, with the fire in drynesse; So that two Elements be extremely contrary: As the Fire warme and drie, it is contrary to the Water cold and moist; and the Ayre warme and moist, is contrary to the Earth, cold and dry, and yet have equality positive predominating: as the Fire exceeding in heat, the Water in coldnesse; by participation and comixion of bodies perfect, as also imperfect which are ingendred and comixed.

Æthereall or *Cœlestiall* parts of the world doth also compass there in the concavity thereof all the Elementall Region, and hath in it the 7 Planets, and their Spheres; Now the reason how the Spheres were first found out, were their contrarie motions in the heavens; All the heavens turning about the earth upon the Poles in 24 houres, and these motions are from the East unto the West. And this we attribute unto the motion of the 1st Sphere, as *Primum mobile*, without stay, being so appointed by God from the beginning, and so carried about with a contrary motion, every one in his kinde contrary to the former from the West unto the East, and so are wheeled about severall times by the first Moover, before they make a full revolution of themselves.

The next Sphere is the *Crystalline*, being the 9th, and is almost insensible, and is perfected in 49000 yeares, the rest of the Spheres are the 7 Planets, each Sphere containing but one starre.

Langley, 1647.

The uppermost, and slowest, is called *Saturne*, of a pale colour, performeth his course in 30 yeeres, the greatestness of his body exceeding the earth 32 times, and distant from the earth 9073000 millions of miles.

Jupiter performeth his course in the Zodiacque in 30 yeeres of colour faire and bright, his corpulency exceedeth the Earth 14 times, and distant from the earth 3431400 miles.

Mars finisheth the tract of the Signifier in 2 yeeres of a fiery colour, lesse then the earth 13 times, and distant from the earth 1500700 miles.

The *Sunne* cleere and bright, passeth through the Zodiacque in 365 daies 5 houres 46 minutes, the bignesse of his body is greater then the Earth 140 times, and distant from the Earth 98900 miles.

Venus cleare shining finisheth her course in a yeare, and is lesse then the Earth 6 times, and distant from the earth in her meere motion as the Sun.

Mercury somewhat shining endeth his revolution in a yeare, and is lesse then the earth 19 times, and distant from the earth in his meane motion as the Sunne also.

The *Moone* the lowest of the Planets, dispatcheth her course in a moneth, and is lesse then the earth 43 times and distant from the earth 48790 miles.

If any desire to know, why these spheares being many, are not subject to sight, but seeme as one intire body; the reason is, because they be bodies perspicuous and cleere, and transparent starres are of the same matter as the heavens or spheare wherein they are fixed, yet farre more thick and apt to retaine the light of the sunne: for as the light of a candle passeth through a hole on the roofof a darke house, and the light of the sunne will appeare and make that part shining to sight, whereas the contrary would happen in a light and perspicuous place, neither do they twinkle, only our eyes be deceived by the far distance of them, and also the motion of the ayre.

A Prognostication.

The 7 Planets seeme not to twinkle to us, (because they be far more neer unto us, their beames more stronger; for the more neer the lights is neer unto us, the more violent are the beams proceeding from the same) when the Stars seeme to shoot, looke for Wind in that quarter: Also a circle about any of the Planets, looke for raine.

Now how to find when the Sunne and Moone shall be Eclipsed and when not, observe if the apparent Latitude of the Moone at the same time of the visible conjunction be lesse then 30 minutes and 40 seconds, there must be an Eclipse: But if the apparent latitude of the Moone be more then 34 minutes, 51 seconds, there cannot be an Eclipse.

Therefore if the apparent latitude be more then 30 minutes 40 seconds, and lesse then 34 minutes 41 seconds, there may be an Eclipse of the Sunne.

Now if the Moone at the time of her true Opposition to the Sun, shall be distant from cyther of these two Sections called the Dragons Ω head thus noted, or the Dragons tayle Υ , lesse then 10 degrees 21 minutes, and 20 seconds, then must the Moone suffer an Eclipse; but if her distance (as before) be more then 13 degr 5 min. and 23 seconds, then the Moone (at that full) cannot be Eclipsed.

Therefore if her distance be more then 10 degr. and 21 minutes, 20 seconds, and lesse then 13 degr. 5 minutes and 23 seconds, then she may happen to be Eclipsed, but not necessarily.

Now for the Rising and setting of the Sunne observe.

As 5 minutes the Sun riseth before 456789.

So 2 many minutes he setteth after 876543. And when

The Day is, 8, 9, 10, 11, 12, 13, 14, 15, 16. 3 Houres
The Night is, 16, 15, 14, 13, 12, 11, 10, 9, 8. 3 long.

The Eclipse of the Sunne is the interposition of the body of the Moone betwixt us and the Sun, and is never Eclipsed but at a new Moone. The Sun setting in a cloud look for raine, but setting bright and cleere, faire weather.

Langley 1647.

The Moones Eclipse is the interposition of the body of the Earth betwixt us and the Sun, and is eclipsed at a full Moone, not at every full, no more then the Sun is at every new Moone, the Moone presently after change appearing red, windes and tempestuous weather: againe, if upon her Change she incontinently at her top or highest looke backe, she foreteweth raine, and a wet moist first quarter, but if she be onely obscured about the middle of her, she prognosticates a faire full Moone, and last quarter of the same.

The Rainebow is made by the Sun beames striking on a hollow cloud, the edge repelled, and is a signe and token that God remembreth his promise to man never to drowne the world againe. If two Rainebowes appeare looke for raine. A Rainebow after raine, faire weather, the Rainebow red, lightning. The time of the Rainebow is often after the point of *Autum*, both for the placing of of the Sun in competent, and lownesse, and also for abundance of matter: seldome or never is the Rainbow scene about the middest of Summer. There be two kinds of Rainebowes, one of the Sunne, another of the Moone, she one by day, the other by night, the Rainebow of the Sunne often, but of the Moone very seldome, inso much that it cannot be but twice in 50 yeares, and that when the Moone is East or West, full in perfect opposition.

Circles about the Sunne, Moone, or Starres, looke for winde and Tempest. A circle about the Moone, betokeneth great Frost to follow after: but if it vanish away, and be dissolved, it is a signe of faire weather, if it be broken by parts, it signifieth Tempest, if it waxe altogether thicker and darker, raine threatned.

The Milky way, or white Circle by us scene in the firmament, and scene in the night passing by the signes *Sagittarius* and *Gemini*. *Possidonius* saith, it is the infusion of the heat of starres, which therefore is in a Circle contrary to the Zodiacus, one of which the Sunne never wandreth,

A Prognostication.

because it might temper the whole Compass with vitall and lively health, this may be the finall, but not the efficient cause.

Strange and wonderfull Apparitions seeme oft in the ayre, as Armies fighting, Castles Cities, Townes, Countreies, Hilles, Valleys, Rivers, Woods, Beasts, Men, Fowles, Monsters, Burials, Processions, Men, Women, Horses; these may be caused two manner of waies, Artificially, and Naturally; Artificially, by certaine glasses and instruments, made according to a secret part of that knowledge which is called *Coloprie*; and so peradventure some of them have beene caused, but the most part doubts naturally, when the disposition of the ayre hath been such, that it hath received the image of many things placed and done on the earth; and because it is apt to receive divers images, aswell in one place as in another, these monstrous formes and actions proceed, to forewarne us of many dangers hanging over our heads in perillous times.

Clouds are vapours, cold and moist, drawne from the North, out of the waters, by the heat of the Sunne, into the middest region of the ayre, and by cold knit together, and hangeth untill its owne weight, as some resolution make it fall, and that is raine, clouds fleeting in the East, Raine, riding apace in the ayre, Winds from that Coast, the worst coming from the North and South. Signes and tokens of raine are, if the Sunne in the East seeme greater then commonly he appeareth, it is a signe of many vapours which will bring raine; and being seene very rarely, or few stars appearing in the night, the often change of the winde, Tempest; the Southerne windes which with his warmesse alwaies resolveth cloudes into raine, when there is no dew at such times as by nature of the times should; It in the West about Sun setting, there appeare a black cloud, it raineth that night, when much dust is stirred up, and when the woods make a great noise

Tem-

Langley, 1647.

Tempest, hard stones will be wet and moyst, Lampes and candles sparkle, Frogs croaking, leaves falling, dust clattering, tempest; Fleas, flies, and gnats biting, Kine feeding greedily, and Birds seeking food busily, Soot falling from the Chimney, Wenscot and Lute. strings cracking, Moles casting up the Earth, &c. Prodigious raines are ingendered: as Wormes, frogs, fishes, blood, milke, flesh, stones, Wheat, Iron; when hot exhalations are drawne up into the Ayre by a temperature hot and moyst, such may bee generated in the ayre, as they are on the Earth, without the copulation of Male and Female, by the exhalation, their seed and egges drawne up, which being in the clouds brought to forme, fall downe among the Raine.

The like by the spawn of the Fishes. And the vehement heat of the Sunne in summer, and more especially, in hot Countries, draweth milke up out of the papps of Beasts, which being carried up in vapours, and resolved againe into milke, falleth downe into raine: after the same manner where quantity of Blood hath beene spilt in great measure, and so it raineth Blood; it raineth flesh when great quantity of blood is drawne up, and clotted together there, and seemeth to be flesh; So exhalations that are earthy, and drawne out of Clay, having most grosse substance among them gathered together, and by great heat burned in the Clouds, make brick-batts and is no less marvell; so Wheat and other graine in hot Countries.

Signes of hot and soultry weather, are many. Flies flying abroad sooner then ordinary; while mysts are out of Moores or Waters, eyther before or after sunne: Bees also flying in the ayre, Crows and Ravens gaping against the sunne: Flies playing in the sun-shine towards night; Dogs lolling out their tongues; Dorres or Beetles flying in the Evening, &c.

Dew is a vapour, which in the Spring and Harveft drawne up by the Sunne in the day, and abideth in the lower Region, by the cold of the night is condensed into water.

A Prognostication

water, and so falleth in small drops, in a temperat coole time, white Frost is a dew much congealed : South and West windes cause dew, but North and North-east congeale them, making the Frost. Store of snow falling on the plaine, the Frost will break. Hoare Frosts doe often stinke, because of the stinking matter whereof it consisteth, being drawn out of lakes and such stinking places. Maile is a hot vapour in the middle Region of the Ayre, by that Region made thick into a Cloud, which falling downe to the sudden cold of the lower Region, and there congealed. Snow is a great Cloud congealed by great cold before it can be dissolved, store of snow in Winter, a plentifull yeare followeth after ; Chrystall is made by snow melted on high hills, and frozen againe becommeth so hard.

Comets, or Blazing starrs are Exhalations hot and dry, of great quantity hot and clammy, compacted like a great lump of pitch, which the Sunne by his heat draweth out of the earth into the highest region of the ayre, and there by the heat of the place set on fire, and appeareth like a starr with a bushie taile, and lasteth so long as there is substance to burn: an evident token of a corrupted ayre; some write, a signe of Earthquakes, Warrs, death of great personages, of Plagues, to be the yeare after their appearing, espocially, to the climate where it appeareth, forerunners of great destructions, corruption of earthly things, signes of stormes and tempestuous weather. In the highest Region is engendred Comets, or Blazing starrs, and such like of divers sorts. In the middle Region, Cloudes, Stormes, Raine, and Winde : In the lowest Region, Dew, Frost, Hoare frosts, Mists bright rods : Candles burning about Graves and Gallowses, where there is store of clammy, stinky, or oily substances, also lights, and flaming fires seene in fieldes, &c.

The foolish fire, or Will with the Wispe, that frighteth soales in the night, is an exhalation kindled by means of
violence

violent moving, when by cold of the night in the lowest Region of the ayre, it is beaten downe, and then commonly if it bee light seeketh to ascend upward, and is sent downe againe, so it danceth up and downe, if it move not up and downe, it is a great lump of oily clammy matter, that by the moving of the heat in it selfe; is inflamed of himselfe: as moist Hay will be kindled of it selfe in hot and fenny Countries, these lights are often seene; why they lead men out of their way is, that when men take heede to such lights, and also sore afraid, they forget their way, and then being once out of their way, they wander they wot not where, to waters, pits, and to other dangerous places, which when at length they hap to find the way home, will tell a great tale, how they have beene led by a Spirit, in the likenesse of fire.

Starrs never fall as many suppose, for God hath set them fast for ever: if Starrs in Winter seeme to sparkle, is a signe of Frost to follow.

Winde is by many exhalations drawn from the earth, and enforced back runneth about the same.

Whirlwindes are windes breaking out of a cloud rowling or winding about, overthrowing that standeth neere it, and that which cometh before, it carrieth with it also in the ayre. Sometime a whirlwinde is set on fire within the cloud, and then breaking forth, flyeth round like a great Cart-wheele terrible to behold, burning and overthrowing all dry things that it cometh neere.

Earthquakes are plenty of windes gotten into the Cavens of the Earth, and the Earth againe closing causeth the shaking thereof. And as some write, is a token of warrs, the absence of Winde long, the Sunne overcast without any cloudes, terrible noyses heard in the ayre, as the clattering of Armour, howlings, buslings, foretelling of some Earthquake to ensue.

Thunder is an exhalation hot and dry, mixt with some Hum, carried up into the middle Region, where inclosed

A Prognostication.

in the body of a Cloud, these two contraries shut up together, fall at variance, and breake the Cloud, the roaring of the Cloud we call Thunder, the Fire Lightning, the Bolt, a grosse substance engendred betwene these vapours; Thunder at night, great Tempests follow: some write, Winters Thunder, Summers wonder.

Dry Lightning burneth not, the moist blasteth, but the cloere melteth Money in purses, draweth wine out of vessels, breaketh the bones, killeth the Child in the wombe: and yet the purse, the vessel, the flesh, the Mother, not touched, nor hurt. Lightning doe allay winds; The extraordinary shooting of starres shew Lightning to follow.

The Ebbing and flowing of the Sea is caused by the course of the Moone, which ruleth over moisture, as the Sunne over heat, for from the new Moone to the full all humors doe encrease, and from the full to the new, decrease againe. The Sea swelling about the shore, windes follow; windes blowing hard in the South, and turning presently into the North, great Tempest on the Sea; rains after a storme calmeth the windes: Also the Moone at full or change in *Aries*, *Leo*, or in *Sagittarius*, in Winter faire, in Summer hot weather, chiefly in *June* and *July*, but being at the same time in *Taurus*, *Virgo*, or *Capricornus*, in Winter cold, in Summer temperate: If in *Libra*, *Geminis*, *Aquarius*; winde more especially in harvest, but in *Cancer*, *Scorpio*, *Pisces* in Winter moist weather, in Summer temperate.

Hoise up saile the Moone decreasing, swift in course separated, or well applied to *Jupiter*, or *Venus* but not when she is placed under *Saturne*, or *Mars*: referring thy selfe, Ship, Goods, and Company, to God and his holy Angels protection, and pray God also to lend thee safely to thy desired havens.

Nasstrum in Celo negotium.

FINIS.